

## PATENT APPLICATION

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of

Docket No: Q90275

Hideyuki YAMATO

Appln. No.: National Stage of PCT/JP2004/004839

Confirmation No.: Unknown

Group Art Unit: Unknown

Filed: September 29, 2005

Examiner: Unknown

For: AGENT FOR TREATING OR PREVENTING LOW-TURNOVER BONE DISEASES

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 C.F.R. §§ 1.97 and 1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure under 37 C.F.R. § 1.56, Applicant hereby notifies the U.S. Patent and Trademark Office of the documents which are listed on the attached PTO/SB/08 A & B (modified) form and/or listed herein and which the Examiner may deem material to patentability of the claims of the above-identified application.

One copy of each of the listed documents is submitted herewith, except for the following: U.S. patents and/or U.S. patent publications; and co-pending non-provisional U.S. applications filed after June 30, 2003.

The present Information Disclosure Statement is being filed: (1) No later than three months from the application's filing date; (2) Before the mailing date of the first Office Action on the merits (whichever is later); or (3) Before the mailing date of the first Office Action after

INFORMATION DISCLOSURE STATEMENT  
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filing a request for continued examination (RCE) under §1.114, and therefore, no Statement under 37 C.F.R. § 1.97(e) or fee under 37 C.F.R. § 1.17(p) is required.

In compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant encloses herewith a copy of a Communication from a foreign patent office in a counterpart application citing such documents (International Search Report for PCT/JP2004/004839 dated June 29, 2004), together with an English-language version (if not already included) of at least that portion of the Communication indicating the degree of relevance found by the foreign patent office.

Also in compliance with the concise explanation requirement under 37 C.F.R. § 1.98(a)(3) for foreign language documents, Applicant note that the relevance of the documents "Pathogenesis of Adynamic Bone Disease" and "The Pathophysiology of Adynamic Bone Disease" are discussed at page 2 of the specification; furthermore, English language abstracts of these documents are submitted herewith.

It is also noted that Japanese Patent Application Publication No. 2002-308785 corresponds to US 2003/0118581 and US 2002/0176840.

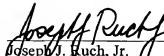
The submission of the listed documents is not intended as an admission that any such document constitutes prior art against the claims of the present application. Applicant does not waive any right to take any action that would be appropriate to antedate or otherwise remove any listed document as a competent reference against the claims of the present application.

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The USPTO is directed and authorized to charge all required fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. A duplicate copy of this paper is attached.

Respectfully submitted,

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23373

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Date: September 29, 2005

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if known

10/551376

Sheet	1	of	1	Application Number	National Stage of PCT/JP2004/004839
				Confirmation Number	Unknown
				Filing Date	September 29, 2005
				First Named Inventor	Hideyuki YAMATO
				Art Unit	Unknown
				Examiner Name	
				Attorney Docket Number	Q90275

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
/KG/		US 2003/0118581	A1	06/26/2003	NAOHIRO SONOBE, ET AL
/KG/		US 2002/0176840	A1	11/28/2002	NAOHIRO SONOBE, ET AL
		US			
		US			
		US			
		US			
		US			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>4</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>2</sup> (if known)			
/KG/		JP	11-292771	A	10/26/1999	KUREHA CHEMICAL INDUSTRY CO., LTD.	
/KG/		JP	2002-308785	A	10/23/2002	KUREHA CHEMICAL INDUSTRY CO., LTD.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>4</sup>
		TAKAKO IWASAKI, ET AL, "JIN KINO TEIKA WA KOTSU TAISHA KAITEN ON TEIKA O YUDO SURU", THE JAPANESE JOURNAL OF NEPHROLOGY, Vol. 44, No. 3, page 327	
		TAKAKO IWASAKI, ET AL, "JIN KINO TEIKA GA MUKU SEIKOTSU ENO IKO O SOKUSHIN SURU", JAPANESE JOURNAL OF BONE METABOLISM, Vol. 19, No. 2, page 140	
/KG/		HIROAKI OGATA, ET AL, "PATHOGENESIS OF ADYNAMIC BONE DISEASE", CLINICAL CALCIUM, Vol. 11, No. 8, 2001, pages 999-1004	Abstract
/KG/		KEITARO YOKOYAMA, ET AL, "THE PATHOPHYSIOLOGY OF ADYNAMIC BONE DISEASE", CLINICAL CALCIUM, Vol. 11, No. 8, 2001 pages 1005-1013	Abstract

Examiner Signature	/Konata George/	Date Considered	04/14/2008
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kind Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.